

SECTION 00150 - CONTROL OF WORK

(Follow all instructions. If there are no instructions above a subsection, paragraph, or sentence, then use the subsection, paragraph, or sentence on all projects. All other modifications to this Section will require Department of Justice approval. (See the Specification Manual, Chapter 3.) Remove all instructions before preparing the final document.)

Comply with Section 00150 of the Standard Specifications modified as follows:

(Use the following subsections .15(b) and .15(c) when "Section 00305 - Construction Surveying Work is included. Check with Designer. Modify as instructed below.)

[Begin subsections .15(b) and .15(c)]

00150.15(b) Agency Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

(Use the following paragraph when slope staking, clearing limit staking, or right-of-way and easement staking will not be required on the project or when the Contractor will be required to perform slope staking, clearing limit staking, and right-of-way and easement staking.)

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305).

(Use the following two paragraphs when the Agency will perform slope staking, clearing limit staking, and right-of-way and easement staking.

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305) and the following:

Perform earthwork slope staking including intersections and matchlines and set stakes defining limits for clearing which approximate right-of-way and easements.

00150.15(c) Contractor Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

(Use the following two paragraphs when the Contractor will perform slope staking, clearing limit staking, and right-of-way and easement staking.

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305) and the following:

Perform earthwork slope staking including intersections and matchlines and set stakes defining limits for clearing which approximate right-of-way and easements.

(Use the following paragraph when slope staking, clearing limit staking, or right-of-way and easement staking will not be required on the project or when the Agency will perform slope staking, clearing limit staking, and right-of-way and easement staking.)

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305).

[End subsections .15(b) and .15(c)]

00150.35(c) Number and Size of Drawings - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall submit Working Drawings according to one of the following methods:

(1) Paper Submittal - For paper submissions, submit seven copies of Working Drawings for steel Structures and six copies of Working Drawings for other Structures to the Engineer. The submitted copies shall be clear and readable. Drawing dimensions shall be 8 1/2 inches by 11 inches, 11 inches by 17 inches, or 22 inches by 36 inches in size. One copy of the submitted Working Drawings will be returned to the Contractor after processing. The Contractor shall submit such additional number of copies to the Engineer for processing that the Contractor would like to have returned.

(2) Electronic Submittal - For electronic submissions, submit Working Drawings according to the "Guide to Electronic Shop Drawing Submittal" which is available from the Engineer.

00150.35(d-1) Stamped Working Drawings - Replace the sentence with the following sentence:

Stamped Working Drawings will be designated as "reviewed" or "reviewed with comments" by the Engineer.

00150.35(d-2) Unstamped Working Drawings - Replace the sentence with the following sentence:

Unstamped Working Drawings will be designated on the face of the Drawing, as "approved", "approved as noted", or "returned for correction" by the Engineer.

(Use the following subsections .50 and (f) when listing utility information.)

00150.50 Cooperation with Utilities - Add the following subsection:

(f) Utility Information:

(Use the following paragraph when no anticipated utility conflicts exist.)

There are no anticipated conflicts with the Utilities listed below. Contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact Person's Name and Phone Number
1.	
2.	
3.	
4.	

(Use the following paragraph when utility adjustments are the responsibility of County or City.)

Arrangements for removing, relocating, or adjusting Utilities on the Project are the responsibility of the County (City). Contact the County (City) for information regarding these arrangements.

(Use the following paragraph on projects with organizations that may be adjusting utilities.)

The following organizations may be adjusting Utilities within the limits of the Project during the period of the Contract with relocation Work estimated to be completed by the following dates (times): Contact the Engineer to view the approved Utility Relocation Plan:

Utility	Estimated Completion Date (Time)
1. (Utility company - "Gas Company") _____ (Contact person's name, <u>address, email,</u> and —_phone number)	

~~(Use the following paragraph when high pressure gas lines exist On-Site.)~~

~~In the immediate area of the high pressure gas lines, when moving any equipment, excavating, driving piles, boring, or other road construction activities, increase the Reasonable Accuracy Zone from 24 inches, as defined in OAR 952-001-010, to 10 feet. Exceptions require written approval from the "Gas Company" and may require an On-Site safety watcher, at no cost to the Contractor.~~

~~2. (Repeat as needed. - "Power Company")~~

~~(Use the following paragraph when power lines overhang Work areas.)~~

~~Energized power lines overhang portions of the Work with a minimum vertical clearance of 18 feet. Contractor shall maintain at least 10 feet of safety clearance.~~

~~3.~~

~~4.~~

(Use the following paragraphs when high pressure gas lines exist On-Site. Use the language and select from the paragraphs as directed by the Region Utility Specialist. Fill in the blanks as needed.)

(Use this paragraph for overall notice to the utility when the Contractor is about to move On-Site.)

Notify, in writing, (insert the specific name of the Utility Gas Company) at least Calendar Days (week(s)) before beginning Work on the Project.

(Use this paragraph for notice to the utility regarding specific types of work that are about to start. It may be necessary to include both notices.)

Notify, in writing, at least Calendar Days (weeks) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of the (inch diameter) (high pressure) gas pipeline. Allow (insert the specific name of the Utility Gas Company) Calendar Days (week(s)) to complete relocation (adjustment) work.

(Insert the specific name of the Utility Gas Company) operates a (inch diameter) (high pressure) gas pipeline within the Project limits. (Detail location by station and offset, describe if parallel or perpendicular to the highway) and may require an On-Site safety watcher, at no cost to the Contractor.

When operating equipment directly above the high pressure gas pipeline, keep equipment on the paved surfaces only.

In the immediate area of the high pressure gas lines, when moving any equipment, excavating, driving piles, pounding guardrail posts, boring, or other road construction activities, increase the Reasonable Accuracy Zone from 24 inches, as defined in OAR 952-001-010, to 10 feet. Exceptions require written approval from the (insert the specific name of the Utility Gas Company) and may require an On-Site safety watcher, at no cost to the Contractor. Provide the Engineer a copy of the written approval of the exception before beginning work.

In the event of an emergency, call (Avista Corporation 1-800-227-9187 OR Cascade Natural Gas Corporation 1-888-522-1130 OR TransCanada GTN 1-800-447-8066) in addition to calls required by the Utilities notification system.

(Use the following paragraph when you have a Natural Gas facility.)

(Insert the specific name of the Utility Gas Company) has (description of the facility such as valve box or meter) that may be within 15 feet of the (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities). There are no anticipated conflicts with this facility. However, due to the close proximity of the (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities), (insert the specific name of the Utility Gas Company) will monitor, inspect, and protect.

2. (Repeat as needed. - "Gas Company")
(Utility company - " Gas Company ")
(Contact person's name, address, email, and phone number)

(Reuse the paragraphs above as appropriate if more than one Gas Company operates within the project limits.)

3. (Utility company - " Power Company ")
(Contact person's name, address, email, and phone number)

(Use the following paragraphs when low, medium, or high voltage lines exist On-Site. Use the language and select from the paragraphs as directed by the Region Utility Specialist. Fill in the blanks as needed.)

(Use the following paragraph when power lines overhang Work areas.)

Energized power lines overhang portions of the Work with a minimum vertical clearance of 18 () feet. Contractor shall maintain at least 10 feet of safety clearance. Exceptions require written approval from the (insert the specific name of the Utility Power Company) and may require an On-Site safety watcher, at no cost to the Contractor. Provide the Engineer a copy of the written approval of exception before beginning work.

(Use the following paragraph when power lines are beneath Work areas. For example: Bridge deck rehab.)

Energized power lines are located within the project limits. Contractor shall maintain at least 10 feet of safety clearance. Exceptions require written approval from Power Company and will require an On-Site safety watcher at no cost to the Contractor. Provide Engineer with a copy of the written approval of exception before beginning work.

(Use this paragraph for overall notice to the utility when the Contractor is about to move On-Site.)

Notify, in writing, (insert the specific name of the Utility Power Company) at least Calendar Days (week(s)) before beginning Work on the Project.

(Use this paragraph for notice to the utility regarding specific types of work that are about to start. It may be necessary to include both notices.)

(Insert the specific name of the Utility Power Company) operates a power facility within the Project limits at (Detail location by station and offset, describe if parallel or perpendicular to the highway). Notify, in writing, at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities). Allow (Insert the specific name of the Utility Power Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

Coordinate with (Insert the specific name of the Utility Power Company) to perform (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within feet of the aerial power line during (Insert specific times when the Power Company cannot de-energize their system due to high loads) when (Insert the specific name of the Utility Power Company) cannot de-energize the power facility.

4. (Repeat as needed. - "Power Company")
(Utility company - " Power Company ")

(Contact person's name, address, email, and phone number)

(Reuse the paragraphs above as appropriate if more than one Power Company operates within the project limits.)

(Use the following paragraph when ODOT has Illumination or Signal facilities within the project limits.)

5. (ODOT)

(Electrical Contact person's name, address, email, and phone number)

(Use this paragraph for overall notice to ODOT Maintenance when the Contractor is about to move On-Site.)

Notify in writing, the ODOT Electrical Supervisor, (Insert the specific name of the Electrical Supervisor and their email or address) at least Calendar Days (week(s)) before beginning Work on the Project to coordinate all ODOT owned electrical facilities relocations.

(Use this paragraph for notice to ODOT Maintenance regarding guardrail post installation by hand. It may be necessary to include both notices.)

Notify, in writing, the ODOT Electrical Supervisor, (Insert the specific name of the Electrical Supervisor and their email or address) at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

6. (Utility company - "Fiber Company")

(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Fiber Optic facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

Notify, in writing, (Insert the specific name of the Utility Fiber Company) at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Utility Fiber Company such as conduit with diameter) . Allow (Insert the specific name of the Utility Fiber Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices.)

Notify, in writing, (Insert the specific name of the Utility Fiber Company) at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

Coordinate Fiber Optic relocation work with (Insert the specific name of the Utility Fiber Company) due to potential restricted work dates.

Obtain written approval from _____ (Insert the specific name of the Utility Fiber Company) for excavating ((or) blasting) within 10 feet of a buried fiber optic communications cable. _____ (Insert the specific name of the Utility Fiber Company) may (will) require an On-Site safety watcher (representative) at no cost to the Contractor for monitoring purposes. Provide the Engineer a copy of the written approval before beginning work.

7. (Utility company - "Irrigation Facility") _____

_____ (Contact person's name, address, email, and phone number)

(Use the following paragraph when you have an Irrigation facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

Notify, in writing, _____ (Insert the specific name of the Utility Irrigation District) prior to and any time work is being performed within _____ (Insert the specific name of the Utility Irrigation District) easement.

8. (Utility company - "Sewer Company") _____

_____ (Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Sewer facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

Notify, in writing, _____ (Insert the specific name of the Utility Sewer District) at least _____ Calendar Days (_____ week(s)) before beginning _____ (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of _____ (Insert the specific item or items of the Utility Sewer District such as sewer line with diameter) . Allow _____ (Insert the specific name of the Utility Sewer District) _____ Calendar Days (_____ week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices.)

Notify, in writing, _____ (Insert the specific name of the Utility Sewer District) at least _____ Calendar Days (_____ week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, notify, in writing, _____ (Insert the specific name of the Utility Sewer District) of paved over manholes ((or) valve boxes) discovered within the project limits. Allow _____ Calendar Days (_____ week(s)) for _____ (Insert the specific name of the Utility Sewer District) to complete necessary adjustments. Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

9. (Utility company - "Telecommunication Company") _____

_____ (Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Telecommunication facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

Notify, in writing, (Insert the specific name of the Telecommunication Company) at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Telecommunication Company such as communication line with diameter). Allow (Insert the specific name of the Telecommunication Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices.)

Notify, in writing, (Insert the specific name of the Telecommunication Company) at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, notify, in writing, (Insert the specific name of the Telecommunication Company) of paved over manholes ((or) valve boxes) discovered within the project limits. Allow Calendar Days (week(s)) for (Insert the specific name of the Telecommunication Company) to complete necessary adjustments. Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

10.(Utility company - "Water Company")
(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Water facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

Notify, in writing, (Insert the specific name of the Water Company), at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Water Company such as a waterline with diameter). Allow (Insert the specific name of the Water Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices.)

Notify, in writing, (Insert the specific name of the Water Company), at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, notify, in writing, (Insert the specific name of the Water Company) of paved over manholes ((or) valve boxes) discovered within the project limits. Allow Calendar Days (week(s)) for (Insert the specific

name of the Water Company) to complete necessary adjustments. Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

11.(Utility company - "Joint Use facility")
(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have Joint use facilities.)

(Insert the specific name of the Utility Joint use facility) will relocate to the new pole alignment for (Insert the specific name of the Utility Pole Owner) by transferring their existing facility within Calendar Days (week(s)) of (Insert the specific name of the Utility Pole Owner) completing their relocation work. (Insert the specific name of the Utility Pole Owner) shall remove the existing pole(s) within Calendar Days (week(s)) when all existing facilities have vacated from the involved pole-line.

This Project is located within the Oregon Utility Notification Center area which is a Utilities notification system for notifying owners of Utilities about Work being performed in the vicinity of their facilities. The Utilities notification system telephone number is 811 (or use the old number which is 1-800-332-2344).

(Use the following subsection .55 when there is an existing specific ODOT or Local Agency contract that will be performed within the project site and the Contractor is required to cooperate with the other ODOT or Local Agency contractor. List the contract name, the contractor's name, and On-Site contact number, and the estimated time the other specific contract work will be taking place within the project limits. Delete the example.)

00150.55 Cooperation with Other Contractors - The following contract work will be ongoing within the Project site during the following times:

Contract Name (Contractor's Name)	Estimated Times (From - To)
(For Example - Your project's bid opening is July 4, 2005 so: (OR99E Howell Prairie Rd-Waconda Rd. (Dewey Cheatum Inc. 541.679.5555 (On-Site))	Aug 2005 to Oct 31, 2005)

(Use the following subsection .60(a) when bridge weight limits are required by 00220.45.)

00150.60(a) Load and Speed Restrictions for Construction Vehicles and Equipment - Add the following bullet to the end of the bullet list:

- The Contractor shall restrict the combined weights of construction vehicles, Equipment, and Materials on Bridges according to 00220.45.

(Use the following subsection .91 on projects when a mandatory post-construction meeting is required.)

00150.91 Post-Construction Review - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall attend a Post-Construction Review meeting to be held by the Agency prior to issuance of Third Notification but not earlier than 15 Days following the date of Second Notification. The time and place of this meeting will be announced by the Engineer at least 15 Days prior to the meeting date. The purpose of this meeting is to examine the Project for possible process improvements that may benefit future projects. The Contractor's attendance at the Post-Construction Review meeting is mandatory.